

Css Utility Classes

CSS Utility Classes Play+ provides an extensive set of utility classes for spacing, layout, and styling. These classes follow a consistent naming convention and are designed to work seamlessly with the grid system.

Spacing Utilities ■ The spacing system uses a scale based on rem units, providing consistent spacing across your application.

Spacing Scale ■ **Class Size**

Value	0	0.25	0.5	1	2	3	4	5	6	8	10	12	14	16
rem	0	0.25rem	0.5rem	1rem	2rem	3rem	4rem	5rem	6rem	8rem	10rem	12rem	14rem	16rem
(px)		(4px)	(8px)	(16px)	(32px)	(48px)	(64px)	(80px)	(96px)	(128px)	(160px)	(192px)	(224px)	(256px)

Margin Utilities ■ **All Sides** ■ `<div class="m-0">` No margin `</div>` `<div class="m-1">` Small margin (0.25rem) `</div>` `<div class="m-2">` Medium margin (0.5rem) `</div>` `<div class="m-3">` Large margin (1rem) `</div>` `<div class="m-4">` Extra large margin (1.5rem) `</div>` `<div class="m-5">` Huge margin (3rem) `</div>` **Individual Sides** ■ `<div class="mt-3">` Top margin `</div>` `<div class="mb-3">` Bottom margin `</div>` `<div class="ms-3">` Start margin (left in LTR) `</div>` `<div class="me-3">` End margin (right in LTR) `</div>` **Horizontal and Vertical** ■ `<div class="mx-3">` Horizontal margin (left and right) `</div>` `<div class="my-3">` Vertical margin (top and bottom) `</div>` **Auto Margins** ■ `<div class="m-auto">` Auto margin on all sides `</div>` `<div class="mx-auto">` Center horizontally `</div>` `<div class="ms-auto">` Push to the right `</div>` `<div class="me-auto">` Push to the left `</div>` **Negative Margins** ■ `<div class="m-n1">` Negative margin (-0.25rem) `</div>` `<div class="mt-n2">` Negative top margin (-0.5rem) `</div>` `<div class="mx-n3">` Negative horizontal margin (-1rem) `</div>` **Padding Utilities** ■ **All Sides** ■ `<div class="p-0">` No padding `</div>` `<div class="p-1">` Small padding (0.25rem) `</div>` `<div class="p-2">` Medium padding (0.5rem) `</div>` `<div class="p-3">` Large padding (1rem) `</div>` `<div class="p-4">` Extra large padding (1.5rem) `</div>` `<div class="p-5">` Huge padding (3rem) `</div>` **Individual Sides** ■ `<div class="pt-3">` Top padding `</div>` `<div class="pb-3">` Bottom padding `</div>` `<div class="ps-3">` Start padding (left in LTR) `</div>` `<div class="pe-3">` End padding (right in LTR) `</div>` **Horizontal and Vertical** ■ `<div class="px-3">` Horizontal padding (left and right) `</div>` `<div class="py-3">` Vertical padding (top and bottom) `</div>` **Responsive Spacing** ■ All spacing utilities are available with responsive prefixes: `<div class="m-3 m-md-4 m-lg-5">` `<!-- 1rem margin on mobile, 1.5rem on tablet, 3rem on desktop -->` `</div>` `<div class="p-2 p-sm-3 p-md-4">` `<!-- 0.5rem padding on mobile, 1rem on tablet, 1.5rem on desktop -->` `</div>` **Responsive Breakpoints** ■ sm- (≥576px) md- (≥768px) lg- (≥992px) xl- (≥1200px) xxl- (≥1400px) **Grid Gutters** ■ **Gutter Classes** ■ `<div class="row g-0">` `<!-- No gutters -->` `<div class="row g-1">` `<!-- 0.25rem gutters -->` `<div class="row g-2">` `<!-- 0.5rem gutters -->` `<div class="row g-3">` `<!-- 1rem gutters -->` `<div class="row g-4">` `<!-- 1.5rem gutters -->` `<div class="row g-5">` `<!-- 3rem gutters -->` `</div>` `</div>` `</div>` `</div>` `</div>` `</div>` **Directional Gutters** ■ `<div class="row gx-3">` `<!-- Horizontal gutters only -->` `<div class="row`

gy-2 " > <!-- Vertical gutters only --> </div> </div> Responsive Gutters ■ <div class = " row g-2 g-md-3 g-lg-4 " > <!-- Different gutter sizes at different breakpoints --> </div> Display Utilities ■

Display Classes ■ <div class = " d-none " > Hidden </div> <div class = " d-block " > Block display </div> <div class = " d-inline " > Inline display </div> <div class = " d-inline-block " > Inline-block display </div> <div class = " d-flex " > Flexbox display </div> <div class = " d-inline-flex " > Inline flexbox </div> <div class = " d-grid " > Grid display </div> <div class = " d-inline-grid " > Inline grid </div> Responsive Display ■ <div class = " d-none d-md-block " > <!-- Hidden on mobile, visible on tablet and up --> </div> <div class = " d-block d-lg-none " > <!-- Visible on mobile/tablet, hidden on desktop --> </div> Flexbox Utilities ■ Flex Direction ■ <div class = " d-flex flex-row " > Row (default) </div> <div class = " d-flex flex-row-reverse " > Row reverse </div> <div class = " d-flex flex-column " > Column </div> <div class = " d-flex flex-column-reverse " > Column reverse </div> Flex Wrap ■ <div class = " d-flex flex-wrap " > Wrap </div> <div class = " d-flex flex-nowrap " > No wrap </div> <div class = " d-flex flex-wrap-reverse " > Wrap reverse </div> Justify Content ■ <div class = " d-flex justify-content-start " > Start </div> <div class = " d-flex justify-content-end " > End </div> <div class = " d-flex justify-content-center " > Center </div> <div class = " d-flex justify-content-between " > Between </div> <div class = " d-flex justify-content-around " > Around </div> <div class = " d-flex justify-content-evenly " > Evenly </div> Align Items ■ <div class = " d-flex align-items-start " > Start </div> <div class = " d-flex align-items-end " > End </div> <div class = " d-flex align-items-center " > Center </div> <div class = " d-flex align-items-baseline " > Baseline </div> <div class = " d-flex align-items-stretch " > Stretch </div> Align Self ■ <div class = " align-self-start " > Start </div> <div class = " align-self-end " > End </div> <div class = " align-self-center " > Center </div> <div class = " align-self-baseline " > Baseline </div> <div class = " align-self-stretch " > Stretch </div> Flex Fill ■ <div class = " d-flex " > <div class = " flex-fill " > Equal width </div> <div class = " flex-fill " > Equal width </div> <div class = " flex-fill " > Equal width </div> </div> Text Utilities ■ Text Alignment ■ <p class = " text-start " > Left aligned </p> <p class = " text-center " > Center aligned </p> <p class = " text-end " > Right aligned </p> <p class = " text-justify " > Justified </p> Text Transform ■ <p class = " text-lowercase " > lowercase text </p> <p class = " text-uppercase " > UPPERCASE TEXT </p> <p class = " text-capitalize " > Capitalized Text </p> Font Weight ■ <p class = " fw-bold " > Bold text </p> <p class = " fw-bolder " > Bolder text </p> <p class = " fw-normal " > Normal weight </p> <p class = " fw-light " > Light text </p> <p class = " fw-lighter " > Lighter text </p> Font Style ■ <p class = " fst-italic " > Italic text </p> <p class = " fst-normal " > Normal style </p> Position Utilities ■ Position Classes ■ <div class = " position-static " > Static positioning </div> <div class = " position-relative " > Relative positioning </div> <div class = " position-absolute " > Absolute positioning </div> <div class = " position-fixed " > Fixed positioning </div> <div class = " position-sticky " > Sticky positioning </div> Top, Right, Bottom, Left ■ <div class = " top-0 " > Top: 0 </div> <div class = " top-50 " > Top: 50% </div> <div class = " top-100 " > Top: 100% </div> <div class = " start-0 " > Start: 0 (left in LTR) </div> <div class = " start-50 " > Start: 50% </div> <div class = " start-100 " > Start: 100% </div> <div class

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= " bottom-0 " > Bottom: 0 </ div > < div class = " bottom-50 " > Bottom: 50% </ div > < div class =
" bottom-100 " > Bottom: 100% </ div > < div class = " end-0 " > End: 0 (right in LTR) </ div > < div
class = " end-50 " > End: 50% </ div > < div class = " end-100 " > End: 100% </ div > Examples ■
Card with Spacing ■ < div class = " card p-4 m-3 " > < div class = " card-body " > < h5 class = "
card-title mb-3 " > Card Title </ h5 > < p class = " card-text mb-4 " > Card content with proper
spacing. </ p > < button class = " btn btn-primary " > Action </ button > </ div > </ div >
Responsive Layout ■ < div class = " container " > < div class = " row g-3 " > < div class = " col-12
col-md-6 " > < div class = " p-3 border " > < h4 class = " mb-3 " > Section 1 </ h4 > < p class = "
mb-0 " > Content with consistent spacing. </ p > </ div > </ div > < div class = " col-12 col-md-6 " >
< div class = " p-3 border " > < h4 class = " mb-3 " > Section 2 </ h4 > < p class = " mb-0 " > More
content with spacing. </ p > </ div > </ div > </ div > </ div > Navigation Bar ■ < nav class = "
navbar navbar-expand-lg navbar-light bg-light " > < div class = " container " > < a class = "
navbar-brand me-4 " href = " # " > Brand </ a > < div class = " navbar-nav ms-auto " > < a class = "
nav-link px-3 " href = " # " > Home </ a > < a class = " nav-link px-3 " href = " # " > About </ a > < a
class = " nav-link px-3 " href = " # " > Contact </ a > </ div > </ div > </ nav > Best Practices ■
Consistent spacing : Use the spacing scale consistently throughout your application Responsive
design : Always consider how spacing works across different screen sizes Semantic meaning :
Use spacing to create visual hierarchy and improve readability Performance : Utility classes are
optimized for performance and bundle size Maintainability : Use utility classes instead of custom
CSS when possible Customization ■ You can customize the spacing scale by modifying CSS
custom properties: :root { --bs-spacer : 1 rem ; --bs-spacers : ( 0 : 0 , 1 : calc ( var ( --bs-spacer ) *
0.25 ) , 2 : calc ( var ( --bs-spacer ) * 0.5 ) , 3 : var ( --bs-spacer ) , 4 : calc ( var ( --bs-spacer ) * 1.5
) , 5 : calc ( var ( --bs-spacer ) * 3 ) ) ; } This allows you to maintain consistency while adapting the
spacing to your design system.

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